

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions, and listings, of claims in the captioned patent application:

Listing of Claims:

1-138. (Cancelled)

139. (Currently Amended) A system for performing ~~one or more tests on a prosthesis after care of a recipient of a cochlear implant having one or more implantable components implanted in a~~ recipient comprising:

a clinician subsystem, ~~comprising having~~ a clinician interface, ~~configured to enable a clinician to provide~~ configured to receive one or more clinician ~~inputs input from said clinician interface to perform one or more~~ that at least one of select or customize selecting and customizing the one or more tests for the recipient cochlear implant after-care tests; and

a recipient subsystem, ~~comprising a recipient interface,~~ configured to receive ~~one or more recipient input, from said recipient interface, and~~ the one or more selected or customized after-care tests from the clinician subsystem, and wherein the recipient subsystem communicates with the cochlear implant so as to perform the one or more tests received to perform the one or more after-care tests selected or customized on the clinician subsystem from and substantially independent of the clinician subsystem on said prosthesis, in response to said user input, to to generate the result data indicative of the result of the after-care tests for communication to subsequent use by said clinician subsystem,

wherein said clinician subsystem is further configured to received receive said result data from said recipient subsystem.

140. (Currently Amended) The system of claim 139, further comprising:

a device interface configured to communicatively couple said recipient subsystem and the prosthesis cochlear implant, ~~and further configured to communicate the one or more tests from said recipient subsystem to the prosthesis.~~

141-143. (Cancelled)

144. (Currently Amended) The system of ~~claim 141~~, claim 139, wherein said ~~first and second computers~~ clinician subsystem and said recipient subsystem are physically remote with respect to one another and ~~are communicatively coupled to one another~~, communicate via the Internet.

145. (Currently Amended) The system of claim 139, wherein the ~~prosthesis~~ cochlear implant is configured to store said ~~selected or customized~~ one or more tests, after-care tests.

146. (Currently Amended) The system of claim 139, wherein the ~~prosthesis~~ cochlear implant is configured to store said result data.

147. (Currently Amended) The system of claim 139, further comprising:

a storage medium configured to store said ~~selected or customized~~ one or more tests after-care tests.

148. (Previously Presented) The system of claim 139, further comprising:

a storage medium configured to store said result data.

149. (Previously Presented) The system of claim 148, wherein said storage medium is a portable storage medium.

150. (Previously Presented) The system of claim 139, wherein the recipient subsystem is further configured to deliver the result data to the clinician subsystem, and further wherein the clinician subsystem is further configured to perform an assessment of the result data.

151-152. (Cancelled)

153. (Currently Amended) The system of ~~claim 152~~ claim 140, further comprising:
a cable coupled between said ~~recipient subsystem~~ device interface and said ~~prosthesis~~ cochlear implant.

154. (Cancelled)

155. (Currently Amended) The system of claim 139, wherein said clinician subsystem is configured to ~~commence the one or more tests being~~ initiate the one or more after-care tests performed by the recipient interface: subsystem.

156. (Currently Amended) A method for performing ~~one or more tests on a prosthesis~~ after-care of a recipient of a cochlear implant having one or more implantable components implanted in a recipient comprising:

selecting receiving one or more inputs at a tests via a clinician subsystem, comprising a clinician interface that at least one of select or customize one or more cochlear implant after-care tests; configured to allow a clinician to provide clinician input to the clinician interface to select the one or more tests for the recipient;

customizing said selected one or more tests using the clinician interface;

delivering said customized one or more after-care tests to a recipient subsystem, comprising a recipient interface; subsystem;

performing, on the cochlear implant, said customized one or more after-care tests selected or customized one the clinician subsystem on the prosthesis, using the recipient subsystem and independent of the clinician subsystem; to generate the result data indicative of the result of the after-care test, wherein the after-care tests are performed by the recipient subsystem substantially independent of the clinician subsystem; and

delivering the result data to the clinician subsystem.

157. (Currently Amended) The method of claim 156, further comprising:

storing wherein the prosthesis is configured to store said customized one or more after-care tests in the cochlear implant.

158. (Currently Amended) The method of claim 156, further comprising:
storing wherein the prosthesis is configured to store said result data in the cochlear
implant.

159. (Currently Amended) The method of claim 156, wherein the recipient subsystem further
comprises a storage medium, and wherein the method further comprising: comprises:
storing said customized one or more after-care tests ~~for said delivering said customized~~
~~one or more tests.~~

160. (Currently Amended) The method of claim 156, further comprising:
storing said result data in a storage medium of wherein the recipient subsystem ~~further~~
~~comprises a storage medium configured to store said result data.~~

161. (Previously Presented) The method of claim 160, wherein the storage medium is a portable
storage medium.

162. (Currently Amended) The method of claim 156, wherein said delivering said customized
one or more after-care tests to the recipient subsystem comprises:
delivering said one or more after-care tests and the respective result data is delivered via
the Internet.

163. (Cancelled)

164. (Currently Amended) The method of claim 156, wherein said performing said customized
one or more after-care tests further comprises:
commencing, but not controlling, initializing the one or more tests being performed by
the recipient interface subsystem with inputs received from the clinician interface.

165. (Currently Amended) A computer readable medium comprising computer code instructions which, when executed by a computer system, ~~cause the computer system to perform a test method on a prosthesis~~ implement a method of performing after-care of a recipient of a cochlear implant, having one or more implantable components implanted in a recipient, the method comprising:

~~selecting receiving one or more inputs at a tests via a clinician subsystem, comprising a clinician interface that at least one of select or customize one or more cochlear implant after-care tests;~~ configured to allow a clinician to provide clinician input to the clinician interface to select the one or more tests for the recipient;

~~customizing said selected one or more tests using the clinician interface;~~

~~delivering said customized one or more after-care tests to a recipient subsystem, comprising a recipient interface;~~

~~performing, on the cochlear implant, said customized one or more after-care tests selected or customized on the clinician subsystem on the prosthesis, using the recipient subsystem and independent of the clinician subsystem, to generate the result data indicative of the result of the after-care tests, , wherein the after-care tests are performed by the recipient subsystem substantially independent of the clinician subsystem; and~~

~~delivering the result data to the clinician subsystem.~~

166. (Currently Amended) The computer readable medium of claim 165, wherein the method further comprises:

storing prosthesis is configured to store said customized one or more after-care tests in the cochlear implant.

167. (Currently Amended) The computer readable medium of claim 165, wherein the method further comprises:

storing prosthesis is configured to store said result data in the cochlear implant.

168. (Currently Amended) The computer readable medium of claim 165, wherein the recipient subsystem further comprises a storage medium, and wherein the method further comprising:
comprises:

~~storing said customized one or more after-care tests in the recipient subsystem, for said delivering said customized one or more tests.~~

169. (Currently Amended) The computer readable medium of claim 165, wherein the recipient subsystem further comprises a storage medium, and wherein the method further comprises:
configured to store storing said result data in said recipient subsystem.

170. (Previously Presented) The computer readable medium of claim 169, wherein the storage medium is a portable storage medium.

171. (Currently Amended) The computer readable medium of claim 165, wherein said delivering said ~~customized~~ one or more after-care tests to the recipient subsystem comprises:
delivering said one or more after-care test and the respective result data is delivered via the Internet.

172. (Cancelled)

173. (Currently Amended) The computer readable medium of claim 165, wherein said performing said ~~customized~~ one or more after-care tests further comprises:
~~commencing, but not controlling,~~ initializing the one or more tests being performed by the recipient interface subsystem with inputs received from the clinician interface.

174. (Currently Amended) A system for performing ~~a test on a prosthesis~~ after-care of a recipient of a cochlear implant having one or more implantable components implanted in a recipient comprising:

means for selecting receiving one or more tests inputs via a clinician subsystem that at least one of select or customize one or more cochlear implant after-care tests; configured to allow a clinician to provide clinician input to select the one or more tests for the recipient;

~~means for customizing said selected one or more tests;~~

means for delivering said customized one or more after-care tests to a recipient subsystem;

means for performing, on said cochlear implant, said customized one or more after-care tests on the ~~prosthesis, using the recipient subsystem~~ and independent of the clinician subsystem, to generate the result data indicative of the result of the after-care tests, wherein the after-care tests are performed by the recipient subsystem substantially independent of the clinician subsystem; and

means for delivering the result data to the clinician subsystem.

175. (Currently Amended) The system of claim 174, wherein the ~~prosthesis is configured to store~~ cochlear implant comprises means for storing said ~~customized~~ one or more after-care tests.

176. (Currently Amended) The system of claim 174, wherein the ~~prosthesis is configured to store~~ cochlear implant comprises means for storing said result data.

177. (New) The system of claim 139, wherein at least one of the one or more after-care tests comprises a cochlear implant integrity check.

178. (New) The system of claim 139, wherein at least one of the one or more after-care tests comprises a comparison of a measured neural response threshold to a previously measured neural response threshold.

179. (New) The system of claim 139, wherein the cochlear implant comprises a plurality of electrodes, and wherein at least one of the one or more after-care tests determines whether the dynamic range of each of the plurality of electrodes is set correctly.

180. (New) The system of claim 139, wherein at least one of the one or more after-care tests evaluates the effectiveness of the cochlear implant.